

ANNUAL INDEX VOLUME 84 ♦ 2000

Compiled by Joe Bottiglieri, AA1GW
Assistant Technical Editor

AMATEUR RADIO WORLD—Column

Asia Leads Amateur Radio Growth:
Apr, 102
Conference Preparatory Meeting for
WRC-2000 (Price): Feb, 83
IARU Administrative Council also Meets
in Darwin: Nov, 87
IARU Council Minutes: Jan, 86
IARU Region 3 Conference Calls for
Morse Testing Phaseout: Nov, 87
IARU, ARRL Busy at ITU Meetings:
Apr, 102
Sorbonne Hosts IARU 75th Anniversary:
Jun, 94
TELECOM-99: Jan, 86
TRAC Showcases Amateur Radio at
WRC-2000: Aug, 94
UK to Allow Amateur Radio-Internet
Links: Apr, 102
WA4IPI to Lead Third-Generation Wireless
Systems Development: Feb, 83

AMATEUR SATELLITES—Column (Ford)

"Hot" Afternoon in Greenland, A
(Boprie): Sep, 90
18th Space Symposium and AMSAT-NA
Meeting: Sep, 90
DARTSAT: Sep, 90
Field Day Satellite Bonus, The: Jun, 96
Flash! Three New Satellites in Orbit!
Mar, 92
From the Mailbag... : Mar, 92

CONTESTS AND OPERATING ACTIVITIES

Contest Announcements/Rules

14th Annual School Club Roundup
(2000), The (Malchick): Jan, 47
Armed Forces Day 2000 Stations and
Frequencies: May, 66
General Rules for ARRL Contests on
Bands Above 50 MHz: Nov, 96
General Rules for ARRL Contests on
Bands Below 30 MHz (HF): Nov, 95
General Rules for ARRL Contests: Nov, 94
Jamboree on the Air 2000 (Wolfgang):
Sep, 48
Kid's Day Just Keeps Growing
(Wolfgang): Jun, 50
On Your Mark... Get "SET"... Go!
(Ewald): Sep, 49
Rules, 2000 ARRL 10-Meter Contest:
Nov, 97
Rules, 2000 ARRL 160-Meter Contest:
Nov, 98
Rules, 2000 ARRL International EME
Competition: Sep, 103
Rules, 2000 ARRL June VHF QSO
Party: May, 83
Rules, 2000 ARRL November
Sweepstakes: Oct, 102
Rules, 2000 ARRL September VHF QSO
Party: Aug, 114
Rules, 2000 ARRL UHF Contest: Jul, 92
Rules, 2000 Field Day: May, 84
Rules, 2000 IARU HF World
Championship: Apr, 106

Rules, 2001 ARRL January VHF
Sweepstakes: Dec, 112
Rules, 2001 ARRL RTTY Roundup:
Dec, 111
Rules, 2001 ARRL Straight Key Night:
Dec, 99
Rules, 2001 International DX Contest:
Dec, 110
Rules, ARRL 10-GHz and Up Cumulative
Contest: Jul, 93
Rules, ARRL 2000 June VHF QSO
Party: May, 83
Rules, Kid's Day: Dec, 45
What is Kid's Day? (Wolfgang): Dec, 45

Contest Results (Henderson)

CW Results, 1999 November
Sweepstakes: Jun, 106
CW Results, 2000 ARRL International
DX Contest: Oct, 103
Phone Results, 1999 Phone Sweepstakes:
Jul, 94
Phone Results, 2000 ARRL International
DX Contest: Nov, 99
Results, 1999 ARRL 10 GHz and Up
Cumulative Contest: Mar, 111
Results, 1999 ARRL 10-Meter Contest:
Sep, 107
Results, 1999 ARRL 160-Meter Contest:
Aug, 111
Results, 1999 ARRL International EME
Competition: May, 81
Results, 1999 ARRL June VHF QSO
Party: Jan, 102 (see also Mar, 112)
Results, 1999 ARRL September VHF QSO
Party: Mar, 102
Results, 1999 ARRL UHF Contest:
Jan, 107
Results, 1999 IARU HF World
Championship: Mar, 106
Results, 1999 Simulated Emergency
Test (Ewald): Jul, 51
Results, 2000 ARRL Field Day: Dec, 100
Results, 2000 ARRL January VHF
Sweepstakes: Aug, 106
Results, 2000 ARRL RTTY Roundup:
Sep, 104
Results, 2000 School Club Roundup
(Malchick): Sep, 50
Revised 1999 June VHF QSO Party
Rover Scores: Mar, 112
Straight Key Night 2000: Apr, 108

Contesting/Operating

Amateur Radio Comes to the Kingdom
of Bhutan (Johnson): Aug, 30
Chesterfield Islands—TX0DX (Mills):
Oct, 35
Confessions of a DXing Dad (Kates):
May, 58
Coping with *Cabrillo* (Pruett): Nov, 45
Cross-Country QRP (Stuntz): Mar, 28
Discover the Wonderful World of
Contesting (Green): Nov, 43
DXing on a Shoestring (Sullivan, Tinley):
May, 30
DXing with NATO (Rosenthal): Mar, 30
Field Day Glory by Design (Cerwin):
Dec, 58
Grid Chasing: Fixed or Mobile?
(Wagman): Sep, 30
Microwaves—Use 'Em or Lose 'Em
(Barkowski): Oct, 62
Net Directory Registration: Jul, 46
Operating in the UK: A Primer for US
Hams (Poole): May, 28

Operation Deep Freeze—The Last
Chapter (Reisenauer): Jun, 28
UO-14: A User-Friendly Repeater in the
Sky (Soifer) (QST *Workbench*): Aug, 64
Utilizing the Constant Bombardment of
Cosmic Debris for Routine
Communications (Ennis): Nov, 28
W1AW 2000: On the Air for Y2K and the
New Year: Jan, 85
WRTC-2000: A Test of Teamwork in "The
Green Piece of Europe" (Sumner):
Oct, 28 (see *Feedback* Nov, 93)

DXCC Honor Roll (Moore)

Aug, 86

CORRESPONDENCE

"Stealth" Antennas (Boyd): Oct, 24
"Thanks" Goes a Long Way (Huff): Jul, 24
38 Years Ago (Bluhm): Jun, 24
Amateur Radio Alive and Well (Mitchell):
Oct, 24
APRS for Other Computers, Too
(Horzempa): Feb, 24
Ban Everything! (Rigsby): Jul, 25
Best Communications, The (Rosen):
Jul, 25
Cabrillo File Format, The (Yokobayashi):
Feb, 25
Call Sign Confusion: A Simple Solution
(Herbert): Feb, 25
Club Call Signs Serve the Public
(Smith): Jan, 24
Commendation for N3FJP, A (Bell):
May, 25
Common Sense DX Advice (Van Diver):
Aug, 25
Contests Do Not Prepare Operators for
Emergencies (Wades): Nov, 24
Day the 18-Wheelers Came to Town,
The (Lagoda): Jul, 24
DTV: Hype or Promise (Medler): Nov, 24
Dumbing Down (Baker): Jun, 25
Emergency Ignored (Conklin): Jun, 25
Even Older Network, An (Regier): Dec, 25
Everything Doesn't Work (Gordon,
Felino): Nov, 24
Fellowship in Action (Shafer): Oct, 25
Hearts Apart (Jordan): Jan, 25
Heros (Harrison, Ward): Mar, 25
HF Digital: Live Vs Unattended
(Martinez): Jun, 24
Highway Information Frequency?
(Address): May, 24
In the Spirit of *Frequency* (Breuer): Jul, 24
Joys of HF, The (Sakarias, DiGioia):
Jan, 25
Kidnapped by QRP (Elam): Mar, 24
Live HF Vs Unattended (Finger,
Stevenson): Sep, 24
Look to the Cosmos (Fagan): Jul, 24
March Was a Winner! (Heintzleman):
May, 25
Measuring Bogosity (Aldrich): Jul, 24
Memories of K2ORS (Waller): Feb, 25
Missed Opportunity, A (Powell): Oct, 24
Much Work Still to Do (Neubeck): Dec, 24
Narrower is Better (Lewis): Dec, 24
New Technological Breakthrough?, A
(Edwards): May, 25
No Lids, No Kids, No Space Cadets
(Mitchell): May, 24
Not Just a Hobby (Warren): Jan, 24
Pass Around Those Old QSTs (Lett):
Dec, 25

Potentially Damaging Research (Barnard, Lapin): Nov, 25
 PRB-1 and Individual Responsibility (Malatzky): Dec, 24
 Pride Before a Fall (Stough): Jul, 24
 Putting Old QSTs to Good Use (Wines): Oct, 25
 Real Hams (Enault): Aug, 24
 Real Value of "Junque," The (Taylor): Jun, 25
 Restructuring (Wilson, Loucks, Brakob, Edwards, Davidson): Apr, 24
 Restructuring—Reactions (Auyer, Wood, Gump, Davidson, Sachs): Mar, 24
 Retro Reminiscing (Hudock): Jan, 24
 Reviving the "Slash Zero" (Ø) (Schieler): Apr, 25
 Righting an Old Wrong, (Eveslage): Jun, 24
 Say "No" to ULS (Weaver): Sep, 24
 SETI is Not Amateur Radio (Kadner): Oct, 25
 Slash Zero Redux (Ortmann, Stewart): Jul, 25
 Special Recognition for Special Modes (Redding): Oct, 24
 Tale of Test Day Jitters, A (Gorzney): Sep, 25
 Technology Task Force (King): Feb, 24
 Thanks! (Ciecierski): Oct, 24
 Thoughts on 146.52 MHz (Riley, Stanton, Lambert, Dickey): Aug, 24
 Tolerance and Compromise (Mandeville): Jan, 24
 Toroid-a-phobia (Campbell): Sep, 25
 Try Creative QSLs (Markowski): Aug, 25
 ULS and Privacy (Reneau): May, 24
 Upgrade the Old Generals (Beers, Robbins): Sep, 24
 Welcome Change, But... , A (Traylor): Jun, 24
 Where are the Barbarians? (Baily): Aug, 24
 Why Modify? Why Not? (Campbell): Feb, 24

DC CURRENTS—Column (Mansfield)

Amateur Radio Protection Act Adds More Cosponsors: Jul, 15
 Amateur Radio Spectrum Bill Introduced in Senate: May, 15
 Amateur Radio Spectrum Protection Act Needs a Boost from ARRL Members: Jun, 15
 Amateur Spectrum Bill Stalls as the 106th Congress Ends with a Whimper, Not a Bang: Dec, 15
 Amateur Spectrum Protection Act Update: Oct, 15
 ARRL Collecting "Restrictive Covenants" Tales: Oct, 15
 ARRL Elected Officials Visit Capitol Hill, Federal Communications Commission to Discuss Ham Issues: May, 15
 ARRL Luncheon Honors Beltway Hams: Nov, 15
 ARRL Meets with Public Service Groups to Renew Agreement: Nov, 16
 ARRL President Haynie Visits FCC: Nov, 15
 Broadband Bill Moves Slowly as More Cosponsors Pile On: Feb, 16
 Congress Continues to Explore Spectrum Issues: Oct, 16
 Congress Seeks to Curb Low Power FM Broadcasting: Jun, 16

Congressman Bilirakis Meets with Local Hams: Jun, 15
 Congressman Weighs in on CC&R Effort: Dec, 15
 Controversial Program Attracts Applicants: Oct, 15
 David Farber Appointed FCC's Chief Technologist: Mar, 16
 Dog Days Descend as Lawmakers Sweat Out Final Days of 106th Congress: Aug, 15
 Driving While Cellular Remains in the News: Sep, 15 (see *Feedback* Oct, 16)
 Dutch Consulate General Thanks Hams for Help: Nov, 16
 FCC Looks at Ultra Wide Band Radio Technology: Jul, 15
 FCC Looks to the Future for Spectrum Availability and Efficiency: Aug, 16
 FCC Releases "Plain English" Guide on Antenna Emissions: Aug, 15
 FCC Reports on Growth of Wireless Industry: Oct, 16
 FCC Says Wireless Bureau Backlog Virtually Eliminated: Sep, 15
 House Looks at Deployment of "Broadband Technology": Jul, 15
 HR.783 Cosponsor List Growing Again: Apr, 15
 HR.783 Headed Back into Arena for Round Two: Mar, 16
 HR.783 Senate Companion Bill in the Pipeline: Feb, 15
 If You Decide You Want to Become Involved: Feb, 16
 Infamous House Bill 602-P Finally Gets Its Day in Congress: Jul, 15
 Internet Issues Find New Forum on Capitol Hill: Aug, 16
 LA Experimental Project Shows Signs of Life: Jul, 16
 Low Power FM Broadcast Service Continues to Divide Lawmakers: Aug, 15
 Maine Hams Help to Build Support for Senate Spectrum Bill: Feb, 15
 Men Who Would Be Telecom Chairman Square Off, The: Jun, 16
 Nine States Propose Bans on Cell Phone Use While Driving: Mar, 15
 On the Threshold of Campaigns, Congress Moves Big Ticket Items: Jul, 15
 Prospects for Amateur Spectrum Bill Unclear as Adjournment Looms: Sep, 15
 Senate Commerce Chairman and Presidential Candidate in the Crossfire: Mar, 16
 Spectrum Issues Back on the Hill: Apr, 15
 Telecommunications Bills, 106th Congress: Dec, 16
 Update on CC&R Data Project: Dec, 15
 Virginia is for Hams: Jul, 15
 Virginia Legislature Praises Hams for Emergency Work: Apr, 15
 Wireless Privacy Legislation Continues to Crop Up On The Hill: Jun, 15

DIGITAL DIMENSION—Column (Horzepa)

APRS Digipeater in a Box: May, 88
 APRS Redux: Mar, 90
 Digital Communications Conference: Sep, 89
 Follow-up to "A Weather Station in Every Shack": Sep, 89
 Leonids Meteor Shower Packet Experiment Q&A, The: Nov, 83

MT63: An HF Panacea?: Jan, 88
 Radio in Every Computer, A: Sep, 89
 Weather Station in Every Shack, A: Jul, 80
 WinLink 2000: A Worldwide HF BBS: Mar, 90

EXAM INFO—Column (Janke)

All Question Pool Updates Still on Hold: Jan, 89
 ARRL Spring and Fall National Exam Days for 2000: Jan, 89
 License Restructuring for the New Millennium: Jan, 89
 New Exam Question Pools Go into Effect April 15: Apr, 94
 Ready to Upgrade at the Stroke of Midnight?: Apr, 94
 ULS Registration—Easier than You Think: Apr, 94
 Year 2000 ARRL/VEC Test Fee is \$6.65: Jan, 89

FEATURES

Antennas and Transmission Lines

\$20 HF Mobile Antenna, A (King): Apr, 33
 146- and 445-MHz J-Pole Antenna, A (Griffith): Oct, 43
 2 x 3 = 6 (Cebik): Feb, 34
 Another Look at Tower Work (Peterson) (QST *Workbench*): Nov, 59
 Basic Beams for 12 and 17 Meters (Cebik) (QST *Workbench*): Aug, 57
 Beginner's Guide to Modeling with NEC—Part 1, A (Cebik): Nov, 34 (see *Feedback* Dec, 97)
 Beginner's Guide to Modeling with NEC—Part 2, A (Cebik): Dec, 40
 Beginner's Guide to Scaling Natural Skyhooks, A (Slade) (QST *Workbench*): Feb, 51
 Build a Flagpole Antenna Booster (Ingle): May, 37
 Compact 2-Element 2-Meter Beam, A (Lumpkin, Cerreto) (QST *Workbench*): Jan, 60
 Easily Constructed 30- and 40-Meter Trap Dipole Antenna, A (Gillespie): Oct, 65
 Everything Works (Schiller): Jul, 47 (see *Feedback* Aug, 76)
 Flags, Pennants and Other Ground-Independent Low-Band Antennas (Cunningham): Jul, 34
 Having a Field Day with the Moxon Rectangle (Cebik): Jun, 38
 Launch Your Field Day Antenna with a Flingshot (Gordon) (QST *Workbench*): Jun, 59
 Monster Loop, The (Goodman): Sep, 38
 Parasol, The: A 160-Meter Vertical Antenna with a Difference (Christman): Oct, 43
 Roll Your Own (sidebar to NE2Q's Antenna Fell from the Sky!) (Lyon): Apr, 50
 Simple HF-Portable Antenna, A (Salas) (QST *Workbench*): Dec, 62
 Tower in the Attic, A (Edwards): Feb, 46
 Verticals, Ground Systems and Some History (Severns): Jul, 38 (see *Feedback* Sep, 79)
 W3RW 6- and 10-Meter Long Wire, The (Witmer): Apr, 46 (see *Feedback* Jun, 76)

Construction/Projects

- "Hot Wiring" the Kenwood TS-690S and TS-450S (Healy): Jan, 40
 8-Watt, 2-Meter "Brickette," An (Larkin): Jun, 43
 Add a Morse Code Readout to the AA4FB PIC SWR Meter (Kelley) (QST *Workbench*): Apr, 61
 Automatic Amplifier Selection for the ICOM IC-746, -736 and -706MKII Transceivers (Hewitt): May, 33
 Basic Stamp Morse Call-Sign Generator, A (Fasse): Oct, 40
 Build a Simple SMD Workstation (Littlefield): Jul, 56
 Build an Indoor-Outdoor Thermometer for Your Shack (Kelley): Aug, 45
 Flexible Digital Mode Interface, A (Mitrenga) (QST *Workbench*): Nov, 39
 Improving the Hamtronics R139 VHF Weather-Satellite Receiver Interface (Kocsis): May, 39 (see *Feedback* Jul, 69)
 Inexpensive KISS-Mode TNC, An (Hansen) (QST *Workbench*): Nov, 53
 Keypad for the FT-1000MP, A (Fasse) (QST *Workbench*): Feb, 54
 Micromountaineer Revisited, The (Hayward, White): Jul, 28
 MX614 Packet Modem, An (Mitrenga): Jan, 44
 NB6M QRP Paddles, The (McFee) (QST *Workbench*): Mar, 53
 Noise Canceling with Electret Condenser Microphones (Spies): Dec, 38
 No-Tune 2-Meter Bandpass Filter, A (Lau) (QST *Workbench*): May, 54
 OCR II Receiver, The (Wissell): Sep, 32
 Panoramic Transceiving System for PSK31 (Teller, Benson): Jun, 31
 PSK31 on the Road (Hulick) (QST *Workbench*): Mar, 55
 QRser: A CW Operating Aid, The (Cheney): Mar, 33 (see *Feedback* Apr, 107)
 Repeater Controller Accessory: The RCA, A (Kincaid): Feb, 37 (see *Feedback* May, 45)
 Simple 10-Meter QRP Transmitter, A (Smith): Mar, 43
 Simple Meter Tester, A (Stanley): Mar, 41 (see *Feedback* May, 45)
 Simple Regen Radio for Beginners, A (Kitchen) (QST *Workbench*): Sep, 61
 Solving Sound Card Microphone Problems (Covington) (QST *Workbench*): Jun, 61
 Some Desoldering Tips and Techniques (Covington): Oct, 54
 Tool for Winding Small Toroidal Cores, A (Hansen) (QST *Workbench*): Apr, 63
 Tuna Tin 2 Today, The (Hare): Mar, 37
 UniCounter, The—A Multipurpose Frequency Counter/Electronic Dial (Stone): Dec, 33
 Wide-Range RF-Survey Meter, A (Littlefield): Aug, 42 (see *Feedback* Nov, 38)

General Interest

- "Candy Stores" (sidebar to Local Ham Stores and the Global Economy) (Azlin): Mar, 47
 "My Job is to Make Them Thirsty!" (Patton): Dec, 49

- 75A-4 One Piece at a Time, A (Thurtell): Feb, 28
 Amateur Radio Comes to the Kingdom of Bhutan (Johnson): Aug, 30
 Amateur Radio: 100 Years of Discovery (Maxwell): Jan, 28
 Amateur Television for Model Planes and Rockets (Cerwin): Sep, 41
 Announcing the Ninth Annual Philip J. McGan Memorial Award (Hagy): Feb, 48
 ARRL 2000 Technical Awards (Wolfgang): Nov, 47
 Bulgaria: Amateur Radio Friends and Fun (Pataki): Apr, 28
 Confessions of a DXing Dad (Kates): May, 58
 Continuous PEP Metering the Easy Way (humor) (Bryant): Apr, 58
 Cross-Country QRP (Stuntz): Mar, 28
 Dayton 2000—Hamvention Meets Convention (Lindquist): Aug, 34
 Dayton Hamvention 2000: A Once-in-a-Lifetime Gathering (Graver): May, 32
 Decoding the Disneyland Telegraph (Eldridge): Oct, 58
 Digital Television: Bigger, Wider, Sharper (Putman): Aug, 38
 DXing on a Shoestring (Sullivan, Tinley): May, 30
 DXing with NATO (Rosenthal): Mar, 30
 Ed Petzolt, K1LNC—1999 ARRL International Humanitarian Award Winner (Wolfgang): Jun, 56
 Grid Chasing: Fixed or Mobile? (Wageman): Sep, 30
 Ham Radio and the World's Largest Fully-Steerable Array (Finley): Aug, 28
 How Hamventions Happen (Lindquist): Apr, 53
 License Restructuring: Up Close and Personal (Kleinschmidt): Dec, 46
 Local Ham Stores and the Global Economy (Kleinschmidt): Mar, 47
 MBA: The Mighty Big Antenna (Blaschke): Sep, 28
 Microwaves—Use 'Em or Lose 'Em (Barkowski) (QST *Workbench*): Oct, 62
 NE2Q's Antenna Fell from the Sky! (Kolinsky): Apr, 49
 New York City ARES Takes to the Water (Dove): Jun, 48
 No Power? No Problem! A Vacation Expedition to The Gambia (Kotowski): Nov, 33
 Oklahoma Tornado Outbreak, The (Tarp): Jan, 49
 Operating in the UK: A Primer for US Hams (Poole): May, 28
 Operation Deep Freeze—The Last Chapter (Reisenauer): Jun, 28
 Quartz Hill Story, The (Kerr): Feb, 31
 Restructuring is Here: Three License Classes and One Code Speed (Lindquist): Feb, 68
 Ross Hull Story, The (Jamieson): Sep, 45
 Superfest 2000 (Inderbitzen): Jun, 51
 Support Your Local Hamfest! (Kleinschmidt): Jun, 54
 Tale of Cell Sites and Towering Heights, A (Henes): Jul, 45
 World Radiocommunication Conference 2000 (Price, Rinaldo, Sumner): Aug, 51
 WRTC-2000: A Test of Teamwork in "The Green Piece of Europe" (Sumner): Oct, 28 (see *Feedback* Nov, 93)

Miscellaneous Technical

- 1999 Solar Eclipse and Amateur Radio, The (Devoldere): Jan, 35
 Amateur Satellite Primer, An (Ford): Apr, 36
 Let's See You in *Hellschreiber!* (Greenman): Jan, 52
 Practice Morse Code with a Java Applet (Minow) (QST *Workbench*): May, 48
 PSK31 2000 (Ford): May, 42
 QRP Transceiver Kits: Six Reports from the Field (Tracy, Kellogg, Cerkoney, Hunt, Harper, Maiorana, Hogan): Dec, 28
 Step Up to the 38,400 Bps Digital Satellites (Mills): Apr, 42
 Utilizing the Constant Bombardment of Cosmic Debris for Routine Communications (Ennis): Nov, 28

FEEDBACK (to pre 2000 articles)

- Free Energy Concentrator (see Oct '99, 66): Feb, 71

HAPPENINGS—News (Lindquist)

- 1999 Outgoing QSL Stats Reflect Increased Activity: Apr, 84
 5 MHz Experimental Operation Continues: Jun, 82
 Alfred S. Burke, W3VR, SK (Craig): Mar, 80
 Alfredo Luciano, LU6DJX, SK: Nov, 74
 Alpha/Power to Cease Linear Manufacturing (Alpha/Power): Dec, 80
 Amateur Crowned Miss Topeka 2000: May, 70
 Amateur Radio Industry Mulls Hobby Growth: Aug, 79
 Amateur Radio Survives Restructuring Transition: Jun, 77
 Amateur Radio Titan Lew "Mac" McCoy, W1ICP, SK: Oct, 70
 Amateur Restructuring Could be Close at Hand: Jan, 75
 American Lung Association Seeks Hams for 2000 "Big Ride": Apr, 84
 AMSAT 2000 Symposium Set: Aug, 80
 Ariane 5 Schedule Delay Could Affect Phase 3D Launch: Sep, 72
 ARISS Crews Get Initial Ham Gear Training: May, 70
 Armed Forces Day Event Avoids Hamvention Conflict: May, 71
 ARRL Advises Caution in Deploying Ultra-Wideband: Dec, 76
 ARRL and REACT Step Together: Nov, 74
 ARRL Asks FCC to Deny Kenwood "Sky Command" Petition: Apr, 84
 ARRL Asks FCC to Rethink Parts of PRB-1 Petition Denial: Mar, 79
 ARRL Asks for Primary Status at 2400-2402 MHz: Sep, 72
 ARRL Honorary Vice President Charles G. Compton, W0AF, SK: Jan, 76
 ARRL Insurance Administrator Changing Name: Feb, 74
 ARRL Launches Continuing Education Pilot Program: Jul, 71
 ARRL Officials Congratulate New League Section: Mar, 80
 ARRL Purchases *Communications Quarterly*: Mar, 79
 ARRL Says "Thank You" to Exemplary Special Service Clubs, May, 70
 ARRL Says Amateur Service is "Fertile Testing Ground for SDR Technology": Sep, 70

- ARRL Supports Switch to CISPR Standards: May, 70
- ARRL to Have Role in Satellite Home Viewer Improvement Act: Aug, 77
- ARRL to Seek Partial Reconsideration of Restructuring Order: Apr, 80
- ARRL Volunteers Find, Fix "The Ditter": Oct, 71
- ARRL, NARTE Sign Memorandum of Understanding: Aug, 77
- ARRL, NFCC Firm Up Relationship at HQ Meeting: May, 68
- Balloting Underway in Three ARRL Divisions: Nov, 71
- Bequest Seeds W1AW Fund: Jan, 77
- Bill Kenamer, K5NX, Retires from League HQ: May, 67
- Brennan Price, N4QX, Joins ARRL HQ Team: Jun, 79
- California Governor Vetoes PRB-1 Bill: Dec, 76
- California Man Arrested for Unlicensed Operation: Oct, 73
- Canada, Australia Eye Morse Reduction: Apr, 85
- Canadian Lowfers Report First 136 kHz QSO (Powell): Oct, 71
- Charles J. "Chod" Harris, WB2CHO, SK: Feb, 75
- Chod Harris, WB2CHO/VP2ML, Hospitalized (Locher): Jan, 77
- Clearwire Withdraws Spread Spectrum Petition: Apr, 85
- Colin C. Dumbille, VE7NN/VP9C, SK (Politi, Boyd): Jan, 76
- Coordinator Steps into the Void in New York, New Jersey (MetroCor): Dec, 80
- Court Denies KV4FZ Appeal: May, 68
- Court of Appeals Upholds FCC Preemption on RFI Cases: Apr, 84
- CQ WAZ Award Manager James L. Dionne, K1MEM, SK: Jan, 76
- Dan Miller, K3UFG, Named Certification Specialist: Jun, 81
- DARA Accepting Scholarship Applications (Kuck): Mar, 80
- Dawn M. Cummings, K1TQY, SK: May, 71
- Dayton Hamvention Announces Award Winners for 2000: May, 72
- Douglas A. Blakeslee, N1RM, SK: Jan, 76
- Elser-Mathes Cup Awaits: Feb, 73
- Enhanced Amateur Enforcement Enters a New Year: Mar, 78
- Enhanced DXCC Card Checking is Here: May, 70
- FAR Offers Scholarships: Feb, 74
- FCC Affirms \$20,000 Fine; Unlicensed Operation Continues: May, 69
- FCC Affirms \$8000 Fines for Two Texas Amateurs: Jul, 73
- FCC Allocates 75 MHz at 5.9 GHz for ITS: Jan, 75
- FCC Audits ARRL-VEC Exam Session: Jul, 73
- FCC Cancels License of "Captain Truth": Nov, 73
- FCC Debuts ULS Internet Filing: Jul, 73
- FCC Denies Amateur Petitions: Dec, 78
- FCC Dismisses Five Other Amateur Radio-Related Petitions: Feb, 72
- FCC Fines Two Texas Amateurs for Malicious Interference: May, 69
- FCC Grants Experimental License for 2300-2305 MHz: Oct, 72
- FCC Intervenes in Power Line Noise Complaints: Feb, 74
- FCC Investigates Examination Sessions: Feb, 76
- FCC Invites Closer Partnership with Official Observers: Jun, 80
- FCC Issues Short-Term Grant: Aug, 79
- FCC Launches CORES: Sep, 73
- FCC Letter Includes Operating Reminder for Nets: Feb, 76
- FCC Levies Hefty Fine on Former Amateur: May, 69
- FCC Probes California ARRL-VEC Test Session: Apr, 83
- FCC Questions "Captain Truth" Suspect: Jun, 81
- FCC Questions W5YI-VEC Over Code Test Complaint: Sep, 73
- FCC Reaffirms Order to Keep North Carolina Ham Off HF: Jan, 77
- FCC Reduces Fine for Former Amateur: Sep, 73
- FCC Revises Conducted Emission Limits: Jan, 75
- FCC Says "No" to SSB, Digital Modes in VHF CW Subbands: Sep, 73
- FCC Set to Authorize MURS: Dec, 78
- FCC Sets Aside New Grant After Earlier Cancellation: Jun, 81
- FCC Sets Aside VE Team Leader's Renewal: Nov, 73
- FCC Tackles Border Dispute: Jan, 75
- FCC Threatens Michigan Ham with Revocation: May, 69
- FCC to Retest on "Old" Elements: Apr, 82
- FCC Trims Tucker Family Call Signs: Dec, 79
- FCC Turns Down CB DX Petition: Nov, 73
- FCC Turns Down Kenwood "Sky Command" Petition: Oct, 72
- FCC Upholds Forfeiture for Illegal Amplifier Sales: Dec, 78
- FCC Warns Generals Off Advanced Class Subbands: Jun, 80
- FCC Widens W5YI-VEC Audit: Apr, 82
- FCC's Hatfield Advises Hams to "Walk the Walk": Sep, 70
- Fewer Than One-Fifth of Hams are ULS-Registered: Oct, 72
- Flames Claim Ham Radio Outlet's Anaheim Store: Apr, 81
- Florida DMV Cuts Hams Some Slack on License Plate Flap: Aug, 80
- Florida Man Arrested for Interference to Hams: Oct, 72
- Florida Tower Ruling Disappoints League: Sep, 71
- Former ARRL Vice Director Jim Knochenhauer, K6ITL, SK: Dec, 77
- Former Vermont SCM, James H. Viele, W1BRG, SK (Frank): Apr, 81
- Forms 610 Phased Out: Apr, 82
- France Authorizes 136-kHz Amateur Band: Apr, 84
- Frank Koval, W8RSW, SK (Rizzi): Jan, 76
- Frederick Oliver Hammond, VE3HC, SK: Jan, 76
- George D. "Dewey" Wilson Sr, W7HF, SK: Nov, 74
- Guillermo Schwarz, KP3S, SK: Nov, 74
- Hall of Famers Announced: Aug, 80
- Hallcrafters Engineer Ferdinand W. Schor, K6HPB, SK (Schor): Apr, 81
- Ham Gear Delivered to ISS: Nov, 71
- Ham Tracks Taunting Teens: Sep, 72
- Hams Cited for Operation on Citizens Band: Jun, 81
- Hams Help Get Wounded Boy from High Seas to Hospital: Jun, 78
- Hams Remember Big Band Leader "Tex" Beneke, K0HWY, SK: Aug, 78
- Hollingsworth Honored in Sunny San Juan: Apr, 82
- Hollingsworth Suggests Steps to Brighter Amateur Future: Dec, 77
- Hollingsworth: "Lots of Work to be Done": Sep, 73
- HQ Web Developer Needed: Jun, 79
- IARU Monitors Seek Reports of Unlicensed Operation: Dec, 76
- It's as Easy as IOY: Jan, 77
- ITVA Produces Youth-Oriented Amateur Radio TV Spot (ITVA): Dec, 80
- Jim Gray, W1XU, SK: Sep, 71
- K6BZ is New Sacramento Valley SM: Jun, 79
- Kansas has PRB-1 Legislation in the Hopper: Apr, 84
- Kenwood Seeks FCC Ruling on "Sky Command": Mar, 79
- KF2GC is New Northern New York Section Manager: Jun, 79
- KLM Antennas Out of Business: Feb, 74
- KT4XA is 2000 *Newsline* Young Ham of the Year (*Amateur Radio Newsline*): Oct, 71
- KV4FZ Looks to Supreme Court to Save License: Oct, 73
- KV4FZ Plans Supreme Court Appeal: Aug, 79
- Larsen Antenna Founder Jim Larsen, K7GE, SK (Nyland, Stober): Apr, 81
- League Announces Club 2000 Achievement Awards: May, 70
- League Continues Opposition to Experimental Video Plan: Jul, 72
- League Files Partial Reconsideration Petition: May, 67
- League Members Now Can Vote on QST Cover Plaque Award: May, 70
- League Officer Elections Set Musical Chairs in Motion: Apr, 82
- League Readies Certification Program for Rollout: Apr, 80
- League to Press Request for Stronger Federal Preemption Policy: Feb, 72
- Lemuel H. Allen Jr, W7JMH, SK: Mar, 80
- Leslie Schmardeer, WA2AEA, SK: Feb, 75
- Lorraine S. Matthew, N4ZCF, SK: Dec, 77
- Louis Varney, G5RV, SK: Sep, 71
- Louisiana Club Donates to "Defense" Fund: Sep, 72
- Michigan Ham Yields License Until 2004 in Exam Case: Apr, 82
- Mir Back on FM, SSTV: Jun, 79
- Mir Crew Talks to Students Before Heading Home: Aug, 80
- Mississippi Telephone RFI Case Tabled: Mar, 80
- Mitnick Renewal to Get FCC Scrutiny: Aug, 79
- Museum Seeks Donations for Goldwater Ham Exhibit: Sep, 72
- NCVEC Advances Revised Morse Testing Standards: Oct, 70
- Nevada Section Manager Bob Davis, K7IY, SK: May, 71
- New AMRAD LF Beacon Activated: Feb, 74
- New Faces to Grace ARRL Board: Jan, 74
- New Hampshire Gets New Section Manager: Dec, 80
- New NCDXF/IARU Beacon: Feb, 74

NFCC Meets with FCC Officials: Aug, 79
 Opera Superstar Tries Amateur Radio: Dec, 79
 Outgoing QSL Service Marks a Million: Oct, 71
 Phase 3D Could Launch in July! (AMSAT News Service): May, 67
 Phase 3D Set for Halloween Launch: Nov, 71
 Phase 3D Tentative Launch Date Reset (AMSAT News Service): Aug, 78
 Power Company Acts on Amateur Complaints: May, 68
 President Haynie Among Kenwood "Top-Gun" Award Winners: Aug, 80
 President Haynie Proposes "The Big Project": Jul, 71
 QST Cover Plaque Award Winner: Jun, 79
 QST Cover Plaque Award: Feb, 74: Mar, 80
 Questions, Comments, Confusion Follow in Restructuring's Wake: Mar, 77
 Quiet Named Honorary Vice President; Morton Named Vice Director: Nov, 71
 Regulatory Matters Top ARRL Executive Committee Agenda: Jun, 82
 Reputed Oldest US Ham, ARRL Member Bill Dearing, W5QN, SK: Dec, 77
 Researcher Undertakes Study of Radio Amateurs: Aug, 77
 Restructuring Generates Application Avalanche: Jul, 70
 RF Safety Rules Now in Force for All Amateurs: Nov, 73
 Riley Hollingsworth to be Hamvention Keynote: Feb, 73
 Robert A. Cerasuolo, W6IJZ, SK (Coker): Jan, 76
 Rosalie White, WA1STO, to Head Field and Educational Services: Jan, 78
 Shack in Space Nears Reality, A: Jul, 72
 SKYWARN Pioneer Sherman C. Carr, W9NGT, SK: May, 71
 South Africa, Australia Adopt 5 WPM for Full HF Access: Jun, 79
 Spread Spectrum Inventor, Actress Hedy Lamarr (Kesteloot, Ricker): Apr, 81
 Supreme Court Dockets KV4FZ Renewal Case: Dec, 79
 Swan, Atlas Radio Founder Herbert G. Johnson, W6QKI, SK: Apr, 81
 Teacher Survey Yields New Insights: Mar, 80
 Three More States Join PRB-1 Bandwagon: May, 70
 Two Amateurs Die in West Timor Violence: Nov, 72
 Two Decades of W4EHW Hurricane Support: Sep, 71
 US Appeals Court Upholds RF Exposure Regs: May, 68
 van Tuijl Family Returns Home: Oct, 71
 Vanity Fee to Remain \$14 this Fiscal Year: Jun, 80
 Vast Majority of Hams Not ULS-Ready: Feb, 24
 VHF-UHF Pioneer Paul M. Wilson, W4HHK, SK: Feb, 75
 Virginia General Assembly Heaps High Praise on Hams (Amato): Apr, 83
 Vote on QST Cover Plaque Award: Oct, 71; Dec, 80
 W1AW/8 QSL Info: Jul, 80
 W5YI-VEC Rebuilding Puerto Rico VE Program: Jun, 81

Wayne Mills, N7NG, Joins ARRL HQ Staff: Jun, 79
 West Central Florida Section Gains Another County: Jun, 79
 What's the Frequency, Dennis?: Apr, 84
 William E. "Bip" Bachman, W6BIP, SK: Apr, 81
 WRTC Champs K1TO, N5TJ Do it Again in Slovenia: Sep, 70
 Youngsters Hailed in Radio Rescue: Sep, 72

HINTS & KINKS—Column (Schetgen)

"Arm-Holster" for Your H-T, An (Kimber): Nov, 63
 Circuit Boards from Cardboard and Copper Tape (Parker): Jan, 57
 Clothesline Antenna Support Clarifications (Slade): Feb, 61
 Cure for Incomplete Audio Muting in the TS-430S, A (Miller): Jan, 58
 Decal Labels Made Easy (Bandy): Sep, 69
 Don't Throw Away Those Old Headsets (McCaffrey): Feb, 61
 DOX Control for the FT-847 (Smoler): Sep, 68 (see Feedback Nov, 63)
 Easy Project Labels (Hinz): Mar, 61
 Finding Small Parts (Raney): Dec, 68
 Fold-Down Mobile-Antenna Mount, A (Williamson): May, 56
 Garage-Door-Opener Director (Mollentine): Jun, 66
 GE Master-II Repeater Modifications (Plante): Apr, 68 (see also Mastr II Mobile to Repeater Kinks: Jun, 65)
 Heath SB-303 Modifications (Crawford): Aug, 67
 Homebrew ESD Mat, A (VanRemmen): Jan, 57
 Keyer PTT Control for Super CMOS Keyers (Leeson): Dec, 68
 Mastr II Mobile to Repeater Kinks (Voss): Jun, 65
 Modification to Kenwood MC-53 Microphone (Caudle): Oct, 69
 More on Repairing Old Headsets (Tolson): Oct, 69
 More on the TS-570 Battery Problems (Williams): May, 57
 New Life for the Yaesu FT-200 (Davis): Feb, 60
 PC Board Views (Pentecost): May, 57
 PSK31 and Newer Kenwood Radios (Schneider): Jan, 58
 Quick, Easy Mobile Radio Mount, A (Old): Apr, 69
 RF-Proofing Peak-Reading Wattmeters (Thomason): Apr, 69
 Salvage Monitor Toroids (Darwicki): Feb, 61
 Saturating Toroid Cores (Lee): Dec, 69
 Save NiCds from Overcharging (O'Neill): Apr, 69
 Schematic Drawing Software (Schetgen): Dec, 69
 Silence that Whistling Antenna (Morrow): Jun, 66
 Simple Antenna Flipper, A (Secora): Mar, 60
 Simple External Mixer for the Hewlett Packard 8555A Spectrum Analyzer (Millar): Feb, 61
 Simple PVC Center Insulators (Johns): Oct, 68
 Solar-Power Tips (Smith): Mar, 61

Solid-State Flashlight, A (Montgomery): May, 57
 Stainless-Steel Fastener Source (Miller): May, 57
 Starting Screws in Tight Places (Inness-Brown): Sep, 69
 Stealth Antenna Supports (Mergen): May, 57
 Strengthen the Cushcraft D40 Rotatable Dipole (Zurbuchen): Nov, 63
 Sweep-Tube Replacements (Tipton): Sep, 68
 SWR Analyzer Checks Crystals (Lee): Dec, 69
 TS-570 Battery Feedback (Kane): Jan, 58
 TS-850 VCO Instability (Steels): Oct, 69
 Use PVC Pipe to Ease Installation of Attic Antennas (Lumpkin): Oct, 68
 Weather Caps For Connectors (Pocock): Jun, 66
 Whip Antenna Storage for Your Mobile (Schneider): Jun, 65
 Wrist Rest Corrals Small Parts (Trigilio): Dec, 69

HOW'S DX?—Column (McClenny)

3C0R—Annobon Island 1999 (Coll): Jun, 85
 7P8AA—Lesotho: Jul, 78
 Agalega DXpedition 2000: Oct, 86
 Another Look at Amateur Radio in China (Kung): Feb, 88
 ARRL Outgoing QSL Service: Nov, 78
 Bhutan Revisited (Smith): Feb, 87
 Bhutan—Yet Another Operation: Sep, 83
 Cape Verde Islands—D4: Nov, 77
 Chesterfield Islands—A Possible New One: Mar, 82
 Chod Harris, VP2ML/WB2CHO: Mar, 82
 Cleaning Up the Bands—Continued: Jan, 80
 Clipperton Island: Mar, 81
 Cocos Keeling and Christmas Islands: Sep, 83
 CY9—St Paul Island: Jul, 78
 DX Operating Code: Aug, 84
 DX Tidbits from Around the World: Apr, 88
 DXCC Announces New 15-Meter Award: Sep, 83
 DXCC Millennium Award: Nov, 78
 DXCC Mixed Leaders: W2BXA, W2AGW, K6ZO: Oct, 85
 East Timor—4W: Jul, 78
 Eritrea: Sep, 83
 Eyeball DXing in the Pacific Ocean (Mikalsen): May, 75
 Five Islands in Five Days: Aug, 84
 How's DX 2001 Survey: Dec, 82
 July is IOTA Month: Jul, 78
 Kermadec DX Association: Jul, 78
 Kingman Reef and Palmyra Atoll: Aug, 85
 Kingman Reef DXpedition: Sep, 82
 KR6MR/VY0 (Larribeau): Jan, 80
 Macquarie Island—VK0LD: Feb, 88
 Macquarie—VK0: Nov, 78
 Mauritius and Rodriguez Islands: Jun, 86
 Mauritius Island: Nov, 78
 Memories of DXing in the 20th Century: Dec, 81
 Mozambique: Aug, 85
 Pacific Northwest DX Convention: Jul, 78
 Pero Simundza, 9A4SP, March 18, 1971 – September 6, 2000: Nov, 77
 Pitcairn Islands, The: Jan, 79
 PY0—St Peter and Paul Rocks: Jul, 78

QSL Route for T97M: Aug, 85
 Sao Tome and Principe: Apr, 88
 Thailand—New IOTA: Mar, 82
 This Year in DX: Jul, 78
 Tristan de Cunha and Gough Islands
 (ZD9): Sep, 82
 Tromelin Island: Jul, 77
 Tunisia—3V: Nov, 77
 Vatican—HV: Nov, 78
 Vietnam—3W: Nov, 78
 VK9WI—Willis Island: May, 76
 W5 QSL Bureau on the Internet: Nov, 78
 WRTC-2000: Jul, 78

"IT SEEMS TO US..." **—Editorial (Sumner) p 9**

Amateur Radio Resources for Learning:
 Sep
 Camaraderie: Oct
 Extra Value: Mar
 Fixing 40 Meters: Aug
 Forty Meters: A Gordian Knot: Nov
 Galileo: Jul
 International Amateur Radio: Apr
 New License—Now What?: Jun
 New Year and a New QST, A (Ford): Jan
 Real Hams: May
 Reasonable Accommodation: Feb
 What Have You Done to My QST?
 (Wilson): Dec

NEW BOOKS [Author] (Reviewer)

AC Power Interference Manual
 [Loftness] (Boucher): Dec, 48
AM Radio Log—20th Edition [National
 Radio Club] (Ford): Feb, 61
 Best of Beasley on Amateur TV, The
 [Beasley] (Ford): Jun, 102
 Electronics of Radio, The [Rutledge]
 (Danzer): Nov, 42
 Ham Price Guide—Second Edition
 [Rippen] (Ford): Apr, 95
 Joe Carr's Loop Antenna Handbook
 [Carr] (Ford): Feb, 77
 Logic of Microspace, The [Fleeter]
 (Ford): Sep, 64
 Microcontroller Projects with Basic
 Stamps [Williams] (Danzer): Mar, 101
 Nikola Tesla: Guided Weapons &
 Computer Technology [Anderson]
 (Ford): Mar, 112 (see *Feedback* May, 45)
 Phone of Our Own, A: The Deaf
 Insurrection Against Ma Bell [Lang]
 (Ford): Nov, 82
 Pictorial History of Collins Amateur Radio
 Equipment, A [Miller] (Ford): Feb, 98
 Radar History of World War II, A [Brown]
 (Ford): Apr, 107
 RSGB Guide to EMC, The [Page-Jones]
 (Ford): Jan, 101
 This Was Radio [Lackman] (Ford): Sep, 37
 Victorian Internet, The [Standage]
 (Ford): Oct, 49
 Voice of the Crystal, The [Freidrichs]
 (Ford): May, 41
 Zenith Radio: The Early Years 1919-
 1935 [Cones, Bryant, Blankinship,
 Wade] (Schetgen): Jun, 84

OLD RADIO—Column (Dilks)

Building a Fine Old Radio Today: Jul, 79
 Collecting Vintage QSLs: May, 86
 Collector Profile: Al Klase, N3FRQ:
 Feb, 89
 Collector Profile: Paul Wolcott, N2JTD:
 Jan, 84

Collector Profile: Ron Lawrence,
 KC4YOY: Mar, 93
 Collector Profile: Stephen Aug, W3DEF:
 Apr, 96
 Collector Profile: Tom Anderson, K5HPF:
 Jun, 95
 Finding M.H. Dodd's 1912 Wireless
 Station: Oct, 87
 Hallicrafters S-1, The: Nov, 86
 Hamfests and Collecting: Apr, 96
 Heathkit AT-1, The: Dec, 90
 Homebrew—1943: Sep, 93
 John Who?: Jan, 84
 Old Radio Auction: Nov, 86
 Old Radio Profile: A 1934 Clough-Brengle,
 Model 4581 Transmitter: Mar, 93
 Old Radio Profile: Pilot Super-Wasp,
 1929: Jan, 84
 Old Radio Profile: The Mystique of the
 HRO-500 (Klase): Feb, 89
 Profile: Marion Henry Dodd (Rogers):
 Oct, 87
 See You at Radio XXXII: Feb, 89
 Silver-Marshall "Round the World" Four,
 The: Jun, 95
 Stancor ST-203-A, The: Sep, 93
 Vacation Time and Radio Museums:
 Aug, 96

OP-ED—Column

All the World is Going Digital. What About
 Ham Radio? (Bruninga): Jun, 103
 Kids Aren't the Cure (Stewart): Dec, 91
 Okay in My Log (Curtis): May, 80
 Software Piracy—How it Hurts our
 Hobby (Ruhl): Aug, 97

ORGANIZATIONAL—ARRL

"My Job is to Make Them Thirsty!"
 (Patton): Dec, 49
 2000 Annual Meeting of the ARRL Board
 of Directors (Patton): Mar, 62
 ARRL Board Thinks Big for the New
 Millennium (Patton): Sep, 52
 President Jim Haynie, W5JBP
 (Lindquist): Mar, 62
 Progress Report: ARRL Certification and
 Continuing Education Program (Miller):
 Aug, 49
 Summary of Major Board Actions: Mar,
 63; Sep, 54

At the Foundation—Column (Lau)

Amateur Radio Retirement, An: Jul, 86
 Hamfest Dollar Double Play: Jul, 86
 Looking Forward in 2000: Jan, 95
 Make Mine Microwaves: Mar, 94
 Millennial Scholarship Recipients—
 Winners All!: Sep, 91
 Scholarship to Honor a CW Ace, A:
 Jan, 95
 Springing with New Ideas?: Mar, 94
 Take a Hike: Mar, 94
 Victor C. Clark Program Now Offering
 \$1000 Minigrants!: Nov, 85
 Why We Fund Museum and Science
 Center Ham Radio Displays: May, 90

Elections

Nominees Sought for ARRL Board of
 Directors: Jul, 74
 Section Manager Election Notice (White):
 Jan, 78; Feb, 76; April, 85; May, 71;
 Jul, 72; Aug, 80; Oct, 73; Nov, 74
 Section Managers Appointed: Jan, 77

Section Managers Elected: Jan, 77;
 Apr, 85

Moved & Seconded

Minutes of the Executive Committee
 Number 464, Hartford, CT, July 20,
 2000 (Sumner): Sep, 58
 Minutes of the Executive Committee
 Number 463, Irving, Texas, April 1,
 2000 (Sumner): Jun, 83
 Minutes of the Executive Committee
 Number 462, Memphis, Tennessee,
 January 20, 2000 (Sumner): Mar, 68
 Minutes of the Executive Committee
 Number 461, Irving, Texas,
 December 4, 1999 (Sumner): Feb, 78
 2000 Annual Meeting of the ARRL Board
 of Directors January 21-22, 2000
 (Sumner): Mar, 68
 2000 Second Meeting of the ARRL
 Board of Directors July 21-22, 2000
 (Sumner): Sep, 57

W1AW Schedule

Jan, 97; Feb, 93; Mar, 99; Apr, 105;
 May, 93; Jun, 99; Jul, 88; Aug, 103;
 Sep, 100; Oct, 95; Nov, 90; Dec, 95

PRODUCT REVIEW—Column (Bottiglieri)

ACOM 2000A HF Linear Amplifier
 (Sumner): May, 64
 Alinco DJ-V5TH Dual-Band FM Hand-Held
 Transceiver, The (Bottiglieri): Mar, 75
 AlphaMax and AlphaRemote for the
 Alpha 87A (Green): Aug, 73
 Elecraft K2 HF Transceiver Kit
 (Wolfgang): Mar, 69
 Grundig Satellit 800 Millennium
 Receiver, The (Ford): Oct, 74
 ICOM IC-718 HF Transceiver (Ford):
 Jul, 63
 ICOM IC-756PRO HF/6-Meter
 Transceiver (Lindquist): Jun, 67
 ICOM IC-R75 Communications Receiver
 (Lindquist): Jan, 67
 ICOM IC-T81A Quad-Band FM Hand-Held
 Transceiver, The (Bottiglieri): Apr, 76
 Kenwood TM-D700A Dual-Band FM
 Mobile Transceiver (Horzempa): May, 60
 MFJ-9340K QRP-Cub Transceiver Kit
 (Arland): Sep, 74
 Multimode Communication Processor
 Roundup (Ford): Apr, 70
 NorCal SMK-1 QRP Transceiver Kit
 (Bottiglieri): Nov, 70
 Patcomm PC-16000A HF Transceiver
 (Bottiglieri): Dec, 67
 QST Compares: Switching Power
 Supplies (Bottiglieri): Jan, 70
 QST Roundup, A: 2-Meter Handheld FM
 Transceivers (Alinco DJ-195T,
 RadioShack HTX-200, Yaesu/Vertex
 VX-150) (Bottiglieri): Aug, 69
 RadioShack HTX-10 10-Meter
 Multimode Transceiver (Irwin): Apr, 73
 RadioShack HTX-245 Dual-Band FM
 Handheld Transceiver (Bottiglieri):
 Oct, 76
 RadioShack HTX-252 2-Meter FM Mobile
 Transceiver (Bottiglieri): Dec, 71
 Switching Power Supplies Revisited
 (Bottiglieri): Sep, 76
 Ten-Tec 1210 10-Meter to 2-Meter
 Transverter (Bottiglieri): Jun, 73

Ten-Tec Pegasus HF Transceiver (Danzon): Feb, 63
 West Mountain Radio RIGblaster Rig-to-Sound-Card Interface (Lindquist): Oct, 78
 Yaesu FT-1500M 2-Meter FM Mobile Transceiver (Bottiglieri): Jul, 67
 Yaesu Mark-V FT-1000MP HF Transceiver (Lindquist): Nov, 64

PUBLIC SERVICE—Column (White)

1999 Simulated Emergency Test Results (Ewald): Jul, 51
 Alabama Volunteer of the Year: Feb, 81
 Alamance County, NC Storm Emergency (Jefferson): Dec, 83
 Amateur Radio Emergency Service and Schools (Anders): Apr, 86
 ARES and RACES Together in Santa Barbara (Hunter): Mar, 84
 ARES Boom Box: Aug, 82
 ARES Mutual Aid Considerations (Boyd): Oct, 83
 ARRL Numbered Radiograms: Mar, 85
 ARRL Numbered Radiograms—Continued: Apr, 87; Aug, 83
 Awards to Amateur Emergency Groups: Jul, 75
 Awareness Day Expanded: Aug, 82
 Communications for an Enduro (Wilhoit): Nov, 75
 Credit Where Credit is Due: Mar, 84
 Disaster Leave Policy for Verizon Wireless (sidebar to Notes from North Carolina): Sep, 80
 Emergency Frequency Declarations: Too Much of a Good Thing?: Feb, 80
 Hams Aid Olympic Competitors (Brown, Bankston): Oct, 86
 Hams Fill Void for Hurricane Floyd (Palm): Jan, 81
 Hams Give Aid when Two F-16s Collide: May, 73
 Hams Help on Fiery Fourth (Boyd): Mar, 83
 HDSCS's 20-Year Anniversary: Aug, 83
 Is Your Foot in the Door?: Apr, 86
 Just a Matter of Time: Aug, 83
 Learning from Dress Rehearsals (Givaudan): Jul, 75
 Liability Protection and the Volunteer (Imley): Oct, 83
 Long and Short of It, The (Rybicke): Sep, 81
 Massive Fire in Elizabethton, A: Aug, 82
 National Weather Service Special Event: May, 74
 National Weather Service/ARRL Special Event: Nov, 75
 Northern Florida Was Y2K Ready (Palm): Mar, 83
 Notes from North Carolina (DeVarney): Sep, 80
 Novel Concept?, A (Heron): Mar, 84
 On Your Mark... Get "SET"... Go! (Ewald): Sep, 49
 Public Service—Accent on Service (Weisman): May, 73
 Ricky to the Rescue!: Feb, 81
 Seeking Grants for ARES and RACES (Ewald): Jun, 87
 Share Your Vision (Cook): Jul, 75
 Spontaneous Fox Hunt Helps Make Arrests (Cridler): Dec, 84
 Tear for Christmas, A (Ty): Dec, 83

Tennessee Amateurs Honored (Warburton): Mar, 84
 Texas SKYWARN Team Wins Weather Award: Mar, 83
 Thoughts on a Successful ARES Strike Team (Macedo): Nov, 76
 Tornadoes Rip Southwest Georgia: Jul, 75
 Trials and Rewards of Disaster Response, The (Ewald): Sep, 80
 TRIIRI Escapade (Cooper): May, 73
 Useful Web Sites: Jul, 75

QRP POWER—Column (Arland)

2nd Annual QRP Contest Calendar for 2001: Dec, 92
 Atlanticon 2000: Jun, 93
 Classic Used Transceivers: May, 87
 CQ FIELD DAY DE N6WG 8A EB: Dec, 92
 NorCal 40A, The—an Instant Classic: Nov, 88
 Of Tuna Tins, Black Cats and Zombies...: Mar, 91
 Power is No Substitute for Skill: Oct, 92
 QRP and the Internet: Jan, 90
 QRP Commando Stealth Dipole: Jul, 85
 QRP Contesting and DXing Tips: Oct, 92
 Three Cool Kits: Apr, 93
 Vintage QRP: Sep, 94
 Wattmeter of Your Own, A: Aug, 98
 Welcome!: Jan, 91
 Y2K and the QRP'er: Jan, 90
 Year in Perspective, The: Dec, 92
 Your QRP Elmer: Feb, 90

RADIOS TO GO—Column (Burch)

"Winter's Almost Gone...": Mar, 89
 Good and the Bad, The: Nov, 84
 Hear, Hear!: May, 89
 Hello, and Welcome to "Radios to Go!": Jan, 87
 Hot Fun in the Summertime: Jul, 81 (see *Feedback* Nov, 84)
 Mobile to the Max (Brueggemann): Sep, 98
 Unauthorized Withdrawals: Jan, 87

SHORT TAKES—(Ford)

Arcron Zeit "Chrono" Wristwatch, The (Ford): Aug, 63 (see *Feedback* Sep, 79)
 Arrow II Satellite Antenna (Ford): Jun, 64
 BeaconSee (Ford): Feb, 59
 DXTelnet 4.7 (Ford): Nov, 51
 EZNEC 3.0 for Windows (Tracy): Sep, 66
 Ham University (Miller): Nov, 52
 Heil Sound Goldline Studio Microphone (Henderson): May, 52
 Lakeview Company TM-1 License Plate Mount (Ford): Feb, 56
 Leatherman Pocket Survival Tool (Peterson): Mar, 57
 LogWindows 3.07.30 (Tracy): Nov, 57
 MFJ-493 Memory Keyer (Lindquist): Mar, 59
 NOVA for Windows 32, Version 2.0 (Ford): Apr, 65
 Palomar Engineers VLF Converter (Ford): Jan, 59
 Portable Power Station (Ford): Oct, 67
 Prolog2K for Windows (Ford): Jul, 58
 RadioCom 4.0 (Ford): Jan, 66
 RITTY 4.0 (Ford): Nov, 58
 W2IHY Technologies 8-Band Audio Equalizer and Noise Gate (Ford): Dec, 64

W9SSSTV, Version 1.10 (Ford) Apr, 67

STRAYS

\$1000 for Frequency Defense!: Mar, 57
 4500 Ham Links!: Jan, 96
 50 Years with the ARRL: Feb, 77
 ARRL Forum On-Line: May, 51
 August is for Lighthouses: Aug, 85 (see *Feedback* Sep, 79)
 Bluegrass Pride! (Schrader): Apr, 104
 Boy's Life Radio Club (Cieslak): Mar, 98
 Call for Nominations: Jan, 94
 Clubs Leading the Way: Mar, 97
 Coast Guard Club: Sep, 92
 Code Practice Collection: Dec, 111
 Contributor's Corner: Mar, 94
 Dayton QRP Banquet (Rosenfeld): Apr, 107
 Deadline Looms for 2000 *Newsline*
 Young Ham of the Year Nominations: Jun, 97
 EI Activity Days (Duffin): Mar, 94
 Free Redirects (Southworth): Jan, 96
 Free Satellite Software (Allen): Feb, 97
 Free Software for the ARRL International DX Contest by N3FJP: Mar, 98
 Friendship Force (Shields): Apr, 104
 Ham Radio UK: Aug, 101
 Ham Radio University 2000 (Lewis): Jan, 94
 Ham Radio University 2001 (Lewis): Dec, 96
 HCA Shortwave DX Achievement Certificate (Fischer): Mar, 98
 Help for a 6-Meter Gonset (Frank): Jul, 92
 Hollingsworth is "Sidebender of the Year": Jul, 86
 I would like to get in touch with...: Jan, 48; Jan, 94; Feb, 62; Mar, 98
 IBM Employees/Retirees Reflector (Bennett): Jan, 96
 JARL 2000 Awards (JARL): Feb, 97
 KC5NTW Honored by New Mexico Tech: Aug, 50
 Korean War Project: Feb, 62
 Lighthouse Christmas Lights: Dec, 110
 Looking for a Navy Typewriter: Aug, 114
 Looking for ACP-131 (Linafelter): Nov, 92
 Looking for an Exam?: Mar, 100; May, 51
 Looking for an Unsung Hero (Kenealy): Aug, 102
 Looking for A-TRONIX Schematic: Dec, 96
 Looking for Mountain Moguls (Wood): Sep, 98
 Looking for QSL Collectors (Ricicki): Nov, 92
 Memories on the Web (Kurzenknabe): Jan, 96
 Mobile Command/Communications Club (Long): Jun, 97
 N8KLX Field Day Software (Radcliffe): Jun, 104
 Need Packet Program (Mackey): Jul, 59
 NWS Marine Web Page (Rulon): Feb, 55
 On-Line Distance Calculator (Hoffswell): Jun, 30
 Operation CQ: Nov, 92
 OSCAR Straight Key Night 2001: Dec, 96
 Prizes Pledged in *Frequency* Promotion Competition: Jun, 105
 Prog Line Manuals (Kelley): Jun, 60
 PSK31 DX Reflector: Jan, 96
 QST Congratulates 75, 70 and 60 Year Members: Nov, 38
 QST Congratulates AA5MN: Mar, 97
 QST Congratulates AD6MI and W5JFM: Jul, 59

QST Congratulates K2PHD, WD4EBY and K3RXX: Nov, 93
 QST Congratulates K8WV: Nov, 98
 QST Congratulates KA3WVD: Feb, 48
 QST Congratulates K17JT: Dec, 111
 QST Congratulates N5XE, N1JSY and K5RLY: Sep, 92
 QST Congratulates WA9BXX: Jun, 97
 QST Congratulates WA9CCQ: Apr, 104
 Railhams Reflector: Feb, 97
 SETI II: The Journey: Feb, 77
 Treasure from the Past, A: May, 80
 Unusual SX-28, An (Sievert): Mar, 94
 Volunteers Needed (Anderson): Feb, 55
 W4RNL Antenna Models (Cebik): Feb, 97
 Wake Tech Mobile: Jun, 104
 Wanted TE201 Keyer Schematic (Holt): Feb, 48
 Wanted: 701A Tubes (Kelley): Jan, 96
 Wanted: B-29 Pilot's Manual: Sep, 92
 Wanted: General Electric Delta Manuals: Sep, 106
 Wanted: HF Skeds (Tokarz): Nov, 92
 Wanted: HP Data Sheet: Sep, 106
 Wanted: Laptop Manual: Sep, 92
 Wanted: LCD Display (Gates): Feb, 55
 Wanted: Manuals (Mintzmyer): Mar, 97
 Wanted: Novex FC-5250B Info (Blose): Feb, 97
 Wanted: Schematics: May, 92
 Wanted: W2KYY QSLs (Schack): Jan, 96
 Wanted: Wilkinson Autopatch Info (Bremer): Mar, 98
 Work a 1.6 Megawatt Station!: Aug, 114

TECHNICAL CORRESPONDENCE— Column (Pagel)

1.9 MHz Inverted-L Antenna, A (Belrose): Oct, 81
 AM Broadcast and Spurious HF Signals (Councilman): Dec, 74
 Anatomy of a Repair Job (Craswell): Feb, 71
 Calculating Wire Lengths for Winding Toroids (Olson): Aug, 75
 Coaxial RF Choke Baluns (Mandeville): Jun, 75
 CTCSS Tone Decode Operation in Scan Mode is Not Always the Same (Witmer): Feb, 70
 Defective Disks? (Lyman): Oct, 82
 Level-Translator Bonus (Fasse): Jun, 75
 Making Schematics from PC Boards (Farkas): Oct, 82
 Matching Low-Impedance Antennas (Weller): Jun, 75 (see *Feedback* Aug, 76)
 MFJ-259 SWR Analyzer and Coaxial Cable Shorts (Smith): Jun, 75
 Note on Calculating Wire Lengths for Toroids, A (Brown): Dec, 75
 Pegasus Transceiver BC QRM (Nold): Jun, 76
 PSK31 on FM (Mason): Oct, 81
 SMT Soldering (Davis): Feb, 70
 Some Tools and Tricks of the Hobby (Yoshida): Apr, 78 (see *Feedback* Jun, 76)
 Switching Power Supplies? Not for Me! (Cherry): Aug, 75
 Tower in the Attic (Soong): Aug, 75

TV and Switching Power Supplies (Stevenson): Dec, 74
 TVI Sources and Lamp-Failure Mechanics (Roberts): Jun, 75
 What is SSB? (Bruene): Aug, 75

TEST YOUR KNOWLEDGE!— Column (Silver)

A crossword puzzle on power and the circuitry associated with it: Mar, 58
 A crossword puzzle on semiconductors: Jun, 62
 A crossword puzzle on tools: Sep, 65
 A crossword puzzle that requires a sense of humor: Dec, 57
 A test of knowledge of amateur technical publications: Nov, 61
 A test of tower know-how: Feb, 58
 A test on Ohm's Law: Apr, 62
 An analog electronics quiz: Jan, 64
 Antenna questions: Aug, 66
 Five "painful" word problems: May, 51
 Jargon vocabulary: Jul, 59
 Power supply questions: Oct, 66

THE DOCTOR IS IN

Jan, 55; Feb, 49; Mar, 50; Apr, 59; May, 46; Jun, 57; Jul, 54; Aug, 55; Sep, 59; Oct, 60; Nov, 48; Dec, 55

THE HELP DESK

"Considerate Operator's Frequency Guide," The: Jan, 65 (see *Feedback* Feb, 71)
 ARRL Grid Locator Map for North America: Jun, 63
 ARRL Incoming QSL Bureau System, The: Dec, 61
 ARRL Outgoing QSL Service, The: Sep, 67
 Characteristics of Commonly Used Transmission Lines: Jul, 60
 Chart of US Amateur Bands: May, 53
 Ham Harmonics vs CATV and Other Services: Nov, 50
 Q Signals: Feb, 57
 QST Glossary of Terms, A: Apr, 66
 Schematic Symbols: Mar, 52

VHF, UHF AND MICROWAVES

146- and 445-MHz J-Pole Antenna, A (Griffith): Oct, 43
 8-Watt, 2-Meter "Brickette," An (Larkin): Jun, 43
 Amateur Television for Model Planes and Rockets (Cerwin): Sep, 41
 Compact Two-Element, 2-Meter Beam, A (Lumpkin, Cerreto) (QST *Workbench*): Jan, 60
 GE Master-II Repeater Modifications (Plante) (*Hints and Kinks*): Apr, 68
 Grid Chasing: Fixed or Mobile? (Wageman): Sep, 30
 Ham Radio and the World's Largest Fully-Steerable Array (Finley): Aug, 28
 HSMS Bounty... K9KNW/MM Provides Rare Caribbean Grids to VHF Meteor Enthusiasts (Pioveson): Nov, 31
 Inexpensive KISS-Mode TNC, An (Hansen) (QST *Workbench*): Nov, 53
 Mastr II Mobile to Repeater Kinks (Voss) (*Hints and Kinks*): Jun, 65

MBA: The Mighty Big Antenna (Blaschke): Sep, 28
 Microwaves—Use 'Em or Lose 'Em (Barkowski) (QST *Workbench*): Oct, 62
 No-Tune 2-Meter Bandpass Filter, A (Lau) (QST *Workbench*): May, 54
 Prog Line Manuals (Kelley) (*Strays*): Jun, 60
 Repeater Controller Accessory: The RCA, A (Kincaid): Feb, 37 (see *Feedback* May, 45)
 Utilizing the Constant Bombardment of Cosmic Debris for Routine Communications (Ennis): Nov, 28
 W3RW 6- and 10-Meter Long Wire, The (Witmer): Apr, 46 (see *Feedback* Jun, 76)

Standings

144-MHz Standings: Jun, 91
 222-MHz Standings: Aug, 93
 432-MHz Standings: Oct, 91
 50-MHz Standings: Dec, 87
 Claimed North American Distance Records (Ward): May, 78
 EME Annals: Mar, 88
 Microwave Standings: Jan, 93

VHF/UHF Century Club Awards

Feb, 79; Apr, 78; Jun, 92; Aug, 99; Oct, 99 (see *Feedback* Nov, 93): Dec, 97

World Above 50 MHz, The—Column (Pocock)

Airplane Reflections at 10 GHz: Dec, 85
 6-Meter DXCC Leaders: Dec, 87
 Cycle 23 Continues Upward: Oct, 88
 Dr Ernest K. Smith, N6HQB—VHF Pioneer: Mar, 86
 DX Possibilities Abound: May, 77
 Ionospheric Forward Scatter Tests at 144 MHz: Feb, 84
 Microwave Evaporation Ducts: Aug, 91
 New VHF Society Based in Oklahoma: Jan, 94
 Solar Shock Wave: Jul, 82
 Twenty-Eight Years of Sporadic E: Jun, 89
 Using 1/2-inch 75-Ω CATV Hardline: Jan, 91
 VHF in China: Nov, 79
 VHFer, The: Jan, 94
 What's Happened to Cycle 23?: Apr, 90

WASHINGTON MAILBOX—Column (Hennessee)

Follow the Band Plan, Avoid the Wouff Hong (Price, Hennessee): Dec, 88
 PRB-1: A Good Thing, But Still Not a Panacea (Price): Sep, 87

YL NEWS—Column (Ortiz)

Conversation with Kay Cragie, WT3P, A: Apr, 103
 Dawn Cummings, K1TQY, Silent Key: Apr, 103
 Front-Row Seat for WRTC 2000, A: Oct, 93
 K1MOM and W1DAD Make Ham Radio Fun for Children: Dec, 93
 New YLRL Officers for 2000: Feb, 91
 Women and Amateur Radio: Finding a Place in the "Mainstream": Aug, 95
 YLRL and the Future: Feb, 91
 YLs at the Helm at USECA: Jun, 97

